

Caution when Using the Slit Blades

Introduction

Please be notified of the following caution for blade replacement when the normal blade with no slit (no-slit blade) and the slit blade are both used on the machine equipped with the non-contact setup function.

Applicable models

300 series, 500 series, 3000 series, and 6000 series

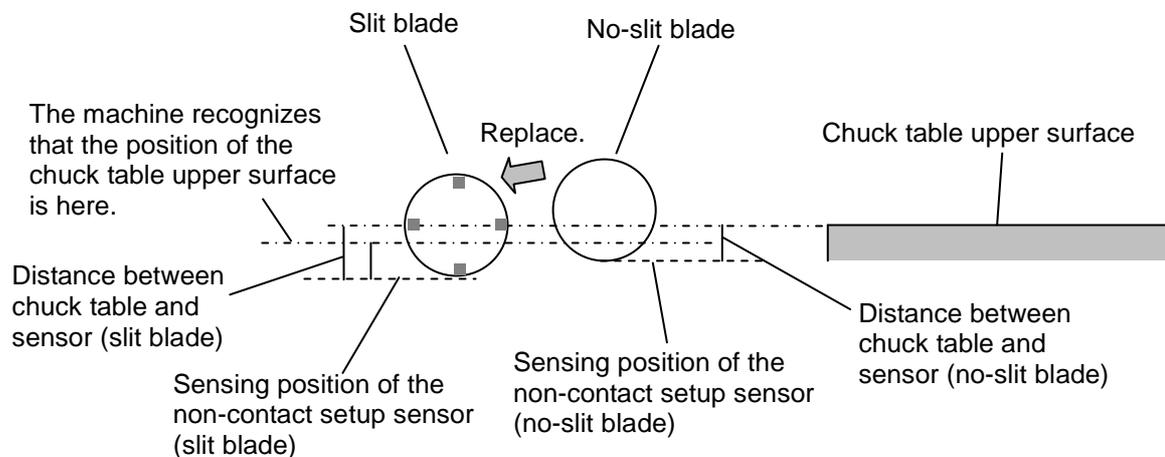
Caution when using the slit blade together with the no-slit blade

When a slit blade is replaced with a no-slit blade or vice versa, be sure to execute the sensor calibration setup.

When the non-contact setup is executed with a slit blade, its sensing position tends to be lower than that of the non-contact setup executed with the no-slit blade. Therefore, if the non-contact setup only is executed, the blade may cut into the chuck table, or the cut depth may become shallow.

[When replacing the no-slit blade with the slit blade]

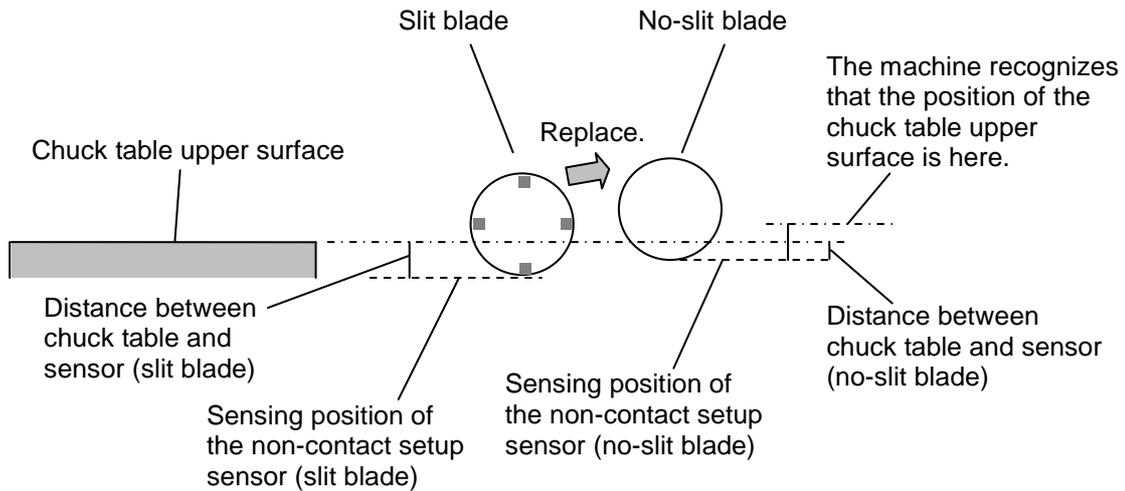
If the non-contact setup only is executed after blade replacement, the position of the chuck table upper surface recognized by the machine may be lower than its actual height, and that may lead the blade to cut into the chuck table at the time of cutting.



Caution when using the slit blade together with the no-slit blade (Continued)

[When replacing the slit blade with the no-slit blade]

If the non-contact setup only is executed after blade replacement, the position of the chuck table upper surface recognized by the machine may be higher than the actual height, and that may lead to shallow cutting.



Caution when replacing the slit blades

Even when a slit blade is replaced with a slit blade, if their slit shapes differ, be sure to execute the sensor calibration setup after blade replacement.

Inquiry

If you have any questions on this matter, please contact your nearest DISCO office or DISCO service office.
